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JUN 18 1962

SUMMARY OF VITAL STATISTICS

DEPARTMENT OF HEALTH, CITY OF NEW YORK

BUREAU OF RECORDS AND STATISTICS—STATISTICAL DIVISION

Population, Births, Marriages, Deaths and Infant Mortality, 1898-1943

Year	Estimated Population July 1st Each Year	Births* Total Reported	Births* Rate per 1,000	Marriages Total Reported	Marriages Rate Per 1,000	Deaths Total Reported	Deaths Rate per 1,000	Fetal Deaths Total Reported	Fetal Deaths Ratio to 1,000 Live Births	Infant Mortality Deaths Under One Year	Infant Mortality Rate per 1,000 Live Births
1898	3,272,000	119,000	36.4	28,885	8.8	66,294	20.3	5,638	47.4	16,770	140.9
1899	3,357,000	116,000	34.6	30,474	9.1	65,343	19.5	5,463	47.1	15,381	132.6
1900	3,446,000	123,000	35.7	32,247	9.4	70,872	20.6	5,815	47.3	16,640	135.3
1901	3,554,000	122,000	34.3	33,447	9.4	70,720	19.9	5,750	47.1	15,467	126.8
1902	3,666,000	127,000	34.6	36,207	9.9	68,085	18.6	6,011	47.3	15,526	122.3
1903	3,781,000	129,000	34.1	38,174	10.1	67,864	17.9	6,078	47.1	14,413	111.7
1904	3,901,000	133,000	34.1	39,436	10.1	78,060	20.0	6,288	47.3	16,125	121.2
1905	4,026,000	135,000	33.5	42,675	10.6	73,714	18.3	6,352	47.1	16,522	122.4
1906	4,167,000	141,000	33.8	48,355	11.6	76,203	18.3	6,646	47.1	17,188	121.9
1907	4,314,000	149,000	34.5	51,097	11.8	79,205	18.4	7,351	49.3	17,437	117.0
1908	4,469,000	146,000	32.7	37,449	8.4	73,072	16.3	7,191	49.3	16,231	111.2
1909	4,632,000	142,000	30.7	41,513	9.0	74,105	16.0	6,697	47.2	15,976	112.5
1910	4,785,000	143,000	29.9	46,417	9.7	76,742	16.0	6,751	47.2	16,215	113.4
1911	4,873,000	141,000	28.9	48,765	10.0	75,423	15.5	6,673	47.3	15,053	106.8
1912	4,961,000	140,000	28.2	51,703	10.4	73,008	14.7	6,619	47.3	14,289	102.1
1913	5,049,000	140,000	27.7	51,268	10.2	73,902	14.6	6,629	47.4	13,780	98.4
1914	5,137,000	140,647	27.4	53,051	10.3	74,803	14.6	6,617	47.0	13,312	94.6
1915	5,225,000	141,256	27.0	50,997	9.8	76,193	14.6	6,413	45.4	13,866	98.2
1916	5,312,000	137,664	25.9	54,782	10.3	77,801	14.6	6,253	45.4	12,818	93.1
1917	5,400,000	141,564	26.2	59,210	11.0	78,575	14.6	6,117	43.2	12,568	88.8
1918	5,488,000	138,046	25.2	56,733	10.3	98,119	17.9	6,793	49.2	12,657	91.7
1919	5,576,000	130,377	23.4	60,256	10.8	74,433	13.3	5,984	45.9	10,639	81.6
1920	5,684,000	132,856	23.4	64,422	11.3	73,249	12.9	6,234	46.9	11,340	85.4
1921	5,812,000	134,241	23.1	60,846	10.5	64,257	11.1	6,297	46.9	9,548	71.1
1922	5,939,000	129,684	21.8	58,192	9.8	69,690	11.7	6,125	47.2	9,666	74.5
1923	6,067,000	129,160	21.3	66,430	10.9	69,452	11.4	6,023	46.6	8,578	66.4
1924	6,195,000	130,436	21.1	62,254	10.0	71,252	11.5	6,448	49.4	8,820	67.6
1925	6,323,000	128,790	20.4	64,826	10.3	71,864	11.4	6,134	47.6	8,315	64.6
1926	6,451,000	125,515	19.5	68,417	10.6	76,082	11.8	6,054	48.2	8,509	67.8
1927	6,579,000	128,889	19.6	66,431	10.1	70,430	10.7	5,895	45.7	7,210	55.9
1928	6,707,000	126,332	18.8	62,424	9.3	78,091	11.6	6,121	48.5	8,280	65.5
1929	6,835,000	124,404	18.2	65,780	9.6	77,482	11.3	5,726	46.0	7,281	58.5
1930	6,944,000	122,811	17.7	63,337	9.1	74,888	10.8	5,700	46.4	7,030	57.2
1931	6,995,000	115,621	16.5	61,574	8.8	77,418	11.1	5,579	48.3	6,427	55.6
1932	7,047,000	109,878	15.6	58,957	8.4	74,319	10.5	5,396	49.1	5,594	50.9
1933	7,101,000	103,500	14.6	60,116	8.5	75,153	10.6	5,347	51.7	5,508	53.2
1934	7,153,000	101,239	14.2	67,347	9.4	75,857	10.6	5,070	50.1	5,287	52.2
1935	7,206,000	100,657	14.0	68,372	9.5	75,057	10.4	4,902	48.7	4,790	47.6
1936	7,258,000	98,507	13.6	72,234	10.0	77,638	10.7	4,992	50.7	4,490	45.6
1937	7,311,000	101,988	13.9	69,417	9.5	77,465	10.6	4,847	47.5	4,457	43.7
1938	7,363,000	102,045	13.9	63,493	8.6	73,775	10.0	4,995	48.9	3,910	38.3
1939	7,415,000	102,261	13.8	62,288	8.4	75,439	10.2	6,831	66.8	3,793	37.1
1940	7,468,000	107,287	14.4	78,487	10.5	76,008	10.2	7,986	74.4	3,746	34.9
1941	7,521,000	114,367	15.2	83,012	11.0	74,553	9.9	8,974	78.5	3,519	30.8
1942	7,573,000	131,989	17.4	81,454	10.8	75,674	10.0	10,013	75.9	3,805	28.8
1943	7,625,000	134,520	17.6	76,059	10.0	83,174	10.9	9,508	70.7	4,069	30.2

* 1898-1913 birth figures are estimated, as the number actually reported was undoubtedly incomplete.

Births, Deaths, Maternal Deaths and Fetal Deaths as Reported*—1943

Borough	Estimated Population 1943	Births Reported	Births Per 1,000	Deaths Reported	Deaths Per 1,000	Maternal Deaths Reported	Maternal Deaths Per 10,000 Births†	Fetal Deaths Reported	Fetal Deaths Per 1,000 Live Births
Manhattan	1,897,000	41,915	22.1	29,164	15.4	106	23	3,271	78.0
The Bronx	1,437,000	19,095	13.3	13,399	9.3	37	18	1,672	87.6
Brooklyn	2,742,000	52,450	19.1	27,349	10.0	112	20	3,210	61.2
Queens	1,369,000	17,323	12.7	10,213	7.5	31	17	1,211	69.9
Richmond	180,000	3,737	20.8	3,049	16.9	6	15	144	38.5
City of New York	7,625,000	134,520	17.6	83,174	10.9	292	20	9,508	70.7

* Tabulation of births, deaths and fetal deaths, by borough of residence, on next page.
† Live births and fetal deaths.

Births, Fetal Deaths, and Deaths Occurring in New York City by Borough of Residence—1943

	Total Recorded In New York City	Known Non-Residents of City	Permanent Res. Unknown	Known Residents Manhattan	By Borough of Residence Bronx	B'klyn	Queens	Rich'd
Live births	134,520	5,049	354	24,981	24 935	49,735	25,960	3.506
Rate per 1;000 population	17.6			13.2	17.4	18.1	19.0	19.5
Fetal deaths (stillbirths)*	9,508	457	57	2,206	1,930	3,071	1,642	145
Rate per 1,000 total births	66.0	83.0		81.1	71.8	58.2	59.5	39.7
Deaths under one year	4,069	156	26	914	664	1,430	765	114
Rate per 1,000 live births	30.2	30.9		36.6	26.6	28.8	29.5	32.5
Deaths under one month	2,898	102	22	639	474	1,034	541	86
Rate per 1,000 live births	21.5	20.2		25.6	19.0	20.8	20.8	24.5
Deaths of non-residents	3,169			1,676	682	360	306	145
Total deaths	83,174	3,169	407	23,777	12,986	27,936	12,815	2,084
Death rate per 1,000 population	10.9			12.5	9.0	10.2	9.4	11.6
1. Typhoid and paratyphoid fevers	5	1	.....	.....	1	2	1	.....
2. Plague	.....	.....	.....	.....	.....	.....	.....	.....
3. Scarlet fever	12	2	.....	4	2	2	1	1
4. Whooping cough	43	.....	.....	11	6	16	9	1
5. Diphtheria	16	1	.....	2	3	10	.....	.....
6. Pulmonary tuberculosis	3,343	90	43	1,462	438	860	391	59
7. Other tuberculosis	317	15	1	119	47	90	41	4
8. Malaria	3	3	.....	.....	.....	.....	.....	.....
9. Syphilis	891	30	5	444	86	228	81	17
10. Influenza	170	.....	.....	38	24	78	24	6
11. Smallpox	.....	.....	.....	.....	.....	.....	.....	.....
12. Measles	19	.....	.....	8	1	8	1	1
13. Typhus fever	1	.....	.....	1	.....	.....	.....	.....
14. Other infectious diseases	613	28	3	183	105	192	93	9
(a) Meningococcus meningitis	246	8	1	69	56	74	36	2
(b) Acute poliomyelitis	16	.....	1	9	2	1	3	.....
(c) Epidemic encephalitis	78	2	.....	20	8	37	10	1
15. Cancer	13,198	896	20	3,482	2,226	4,221	2,072	281
16. Non-malignant tumors	419	34	1	128	75	112	59	10
17. Chronic rheumatism, gout	57	2	.....	17	7	21	8	2
18. Diabetes	3,262	68	6	780	606	1,276	468	58
19. Alcoholism	326	12	13	182	17	76	21	5
20. Avitaminoses, other general diseases and chronic poisonings	1,027	71	.....	279	169	347	136	25
21. Simple meningitis and spinal cord diseases	287	17	.....	76	48	89	51	6
22. Intracranial lesions of vascular origin	3,771	80	11	1,067	561	1,299	623	130
23. Other diseases of the nervous system and sense organs	481	27	.....	129	70	163	79	13
24. Diseases of the heart	31,868	763	82	8,751	5,052	11,354	5,055	811
25. Other diseases of the circulatory system	1,660	34	7	527	245	539	222	86
(a) Arterio-sclerosis	1,265	12	5	390	182	446	159	71
26. Bronchitis	168	4	1	54	28	50	30	1
27. The pneumonias	3,862	113	19	1,067	626	1,410	527	100
(a) Bronchopneumonia	1,800	53	5	497	284	685	236	40
(b) Lobar pneumonia	2,045	58	14	564	339	723	288	59
28. Other respiratory diseases (except tuberculosis)	405	22	3	127	54	100	83	16
29. Diarrhea and enteritis	330	32	3	72	70	95	40	18
(a) Diarrhea and enteritis under 2 years	230	12	3	53	50	69	28	15
30. Appendicitis	434	24	1	86	82	164	67	10
31. Diseases of the liver and biliary passages	1,502	64	3	485	210	456	252	32
32. Other digestive diseases	1,709	94	5	475	235	567	289	44
33. Nephritis, all forms	3,393	110	4	910	514	1,179	587	89
34. Other diseases of the urinary and genital systems	958	54	1	281	163	317	112	30
35. Puerperal infection†	104	5	.....	28	17	32	19	3
36. Other puerperal causes	188	9	.....	38	29	75	34	3
37. Diseases of the skin and bones	129	7	2	38	26	35	19	2
38. Diseases of early infancy	3,094	132	10	669	509	1,073	621	80
39. Old age	35	1	.....	12	11	9	.....	2
40. Suicide	860	47	8	315	128	183	158	21
41. Homicide	225	15	14	113	21	44	15	3
42. Motor vehicle accidents	732	46	24	245	87	202	105	23
(a) Automobile accidents	723	46	24	243	86	198	103	23
43. Other accidents	3,244**	215	114	1,070	387††	957	419	82
(a) Sunstroke	9	.....	.....	3	.....	3	.....	3
44. Causes not known or ill-defined	13	1	3	2	.....	5	2	.....

Numbers at left are those of Abridged International List, 1938 revision.
*Stillbirths and reported abortions. **Includes 6 deaths of military personnel during operations of war.
†Includes causes 140 and 147 of Detailed International List. ††Includes 1 death of a civilian during operations of war.

Population in 1940 and Deaths in 1943, City of New York

Age	1940 Population by Age, Color and Sex						Deaths in 1943 by Age, Color and Sex					
	White		Negro		Other		White		Negro		Other	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
All ages	3,455,003	3,522,498	205,727	252,717	15,563	3,487	42,136	34,678	3,017	3,062	270	11
Under 5	206,210	197,029	14,706	14,985	499	465	2,412	1,740	323	273	6	4
5-9	221,887	214,597	16,442	16,692	469	469	195	143	28	18	.....	.....
10-14	265,679	258,741	17,294	18,554	480	360	173	113	33	31	.....	.....
15-19	284,588	286,824	15,574	19,104	555	297	305	206	80	84	3	.....
20-24	289,049	318,135	15,251	25,848	562	308	402	351	117	156	4	1
25-29	301,328	343,262	20,008	30,970	1,222	363	425	471	124	148	5	.....
30-34	308,050	329,637	21,924	29,256	1,808	352	666	711	148	189	10	.....
35-39	304,806	309,413	23,418	28,768	2,726	290	1,131	876	240	218	16	.....
40-44	294,594	289,524	20,299	21,490	2,578	229	1,838	1,328	288	259	25	2
45-49	266,165	252,262	14,802	15,579	1,802	133	2,908	1,800	318	260	26	.....
50-54	231,787	212,383	10,251	11,217	1,283	99	4,066	2,465	335	287	44	2
55-59	170,782	161,083	6,675	7,576	705	50	4,896	2,912	278	264	33	1
60-64	127,865	130,296	4,311	4,974	492	36	5,377	3,691	220	229	40	.....
65-69	86,370	97,299	2,676	3,845	229	20	5,395	4,429	207	207	30	.....
70-74	53,153	64,217	1,219	1,978	102	6	4,834	4,704	148	158	18	1
75 & over	42,690	57,796	877	1,881	51	10	7,113	8,738	130	281	10	.....

Cases of Reportable Infectious Diseases, 1900-1943, City of New York

Year	Pulmonary Tuberculosis	Diphtheria	Measles	Scarlet Fever	Chickenpox	Typhoid Fevers	Whooping Cough	Epidemic Meningitis	Poliomyelitis	Syphilis	Gonorrhea	Influenza	Pneumonia	Epidemic Encephalitis
1900	11,997	12,913	19,298	6,683	1,226	2,658	174	7						
1901	13,703	12,329	11,990	16,692	2,437	2,748	113	13						
1902	12,914	15,319	20,251	11,894	3,269	3,871	313	10						
1903	15,214	18,317	13,689	10,887	4,181	3,671	1,066	20						
1904	18,723	18,158	32,861	13,495	4,263	3,412	1,016	482						
1905	20,831	13,686	19,026	8,071	5,473	4,326	2,637	2,755						
1906	20,085	14,757	38,653	7,881	4,667	3,467	2,177	1,032						
1907	19,725	15,276	16,637	15,788	4,308	4,426	1,920	828						
1908	23,325	16,431	38,276	24,426	5,928	3,058	1,182	380						
1909	25,667	15,097	31,950	12,475	6,765	3,499	2,752	346						
1910	32,065	16,940	35,374	18,924	5,534	3,582	2,018	242						
1911	24,513	13,485	25,540	15,794	6,758	3,450	3,210	266	358					
1912	22,752	13,533	39,018	12,716	7,649	3,076	2,132	250	504					
1913	22,674	14,845	29,350	10,739	6,897	2,643	3,529	232	310	10,623	7,440			
1914	21,604	17,129	25,793	11,105	9,632	2,260	3,798	318	129	21,128	9,526			
1915	22,141	15,279	38,186	9,879	8,721	2,455	6,771	174	95	17,335	9,709			
1916	19,297	13,521	21,603	5,814	9,617	1,617	7,460	263	9,023	20,128	6,341			
1917	17,494	12,624	27,519	6,260	8,548	1,442	5,597	322	139	19,833	8,312			
1918	14,439	11,454	28,675	4,460	4,196	1,238	5,558	477	134	17,320	6,538			
1919	14,570	14,014	8,194	4,594	5,326	854	1,658	317	42	19,241	5,677	25,218	10,325	118
1920	14,035	14,166	35,083	6,537	5,534	969	7,530	244	154	19,440	4,535	69,824	25,983	573
1921	12,966	15,110	7,738	13,516	8,041	899	5,808	279	588	14,096	5,287	2,486	14,143	528
1922	13,329	10,427	40,569	10,269	5,738	790	4,799	218	224	13,199	5,599	21,042	19,121	611
1923	11,336	8,050	13,999	8,237	8,671	890	4,484	133	577	16,879	6,817	16,061	15,952	923
1924	11,924	9,687	33,561	8,399	8,260	1,687	8,244	156	344	16,402	6,137	1,753	18,594	465
1925	10,955	9,051	9,483	8,840	7,546	1,417	4,826	120	307	15,630	5,466	1,745	15,651	327
1926	10,498	7,531	39,750	7,968	6,757	913	3,487	170	111	17,700	4,728	5,911	22,661	297
1927	10,873	13,507	2,101	18,339	9,444	762	6,052	177	537	24,324	7,006	2,048	18,273	232
1928	11,614	10,776	35,008	10,586	7,082	688	5,876	1,102	572	25,034	7,431	2,878	21,079	193
1929	11,938	8,548	2,537	7,952	9,264	607	2,944	1,000	71	28,772	8,840	11,121	21,132	173
1930	11,821	3,794	23,635	7,592	7,901	552	4,538	503	78	32,219	9,737	1,010	17,081	100
1931	11,794	3,999	26,519	11,900	9,113	637	8,643	392	4,138	34,894	9,745	4,498	21,116	97
1932	10,589	3,581	10,354	21,093	8,862	598	7,126	207	143	42,315	11,640	3,418	17,835	57
1933	9,991	1,891	36,216	8,262	11,966	588	6,009	114	831	42,242	11,164	2,617	16,972	86
1934	9,990	1,593	5,015	8,820	12,177	378	8,764	102	73	46,276	10,953	899	14,489	51
1935	8,796	1,189	28,490	14,602	10,866	349	8,703	529	2,054	47,659	11,069	622	13,185	69
1936	8,987	1,124	36,548	11,417	8,324	334	4,461	538	34	68,969	14,445	1,396	15,786	37
1937	9,128	1,184	12,091	10,058	12,723	299	4,653	228	243	88,101	17,872	4,181	16,393	55
1938	8,748	700	34,604	8,419	11,112	312	12,232	112	43	37,077*	12,935	447	12,969	38
1939	8,277	543	3,653	6,121	9,103	198	5,821	71	184	32,874	12,810	1,546	16,875	62
1940	8,212	386	10,496	13,569	13,046	171	5,775	48	67	30,718	14,639	791	13,808	28
1941	8,459	362	79,646	7,206	9,773	183	7,811	118	404	27,194	12,297	2,677	10,707	49
1942	9,145	392	2,261	7,009	10,978	119	9,240	411	88	30,036	12,022	441	10,130	52
1943	8,283	274	23,627	9,484	9,290	123	3,678	1,406	361	24,583	10,819	1,387	7,663	37

* Figures prior to 1938 were based on positive laboratory findings and included much duplication. Beginning with 1938 duplicates have, as far as possible, been omitted.

AGE SPECIFIC DEATH RATES, PER 1,000, NEW YORK CITY; 1900-1940, INCLUSIVE

Age	1901-'02-'03		1909-'10-'11		1919-'20*		1929-'30-'31		1939-'40-'41	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
0-4	60.3	52.6	50.2	43.2	32.4	26.5	19.4	15.4	11.3	8.8
5-9	5.8	5.2	4.2	3.9	3.8	3.1	2.5	2.0	1.0	0.8
10-14	2.8	2.8	2.4	2.3	2.4	2.2	1.7	1.3	0.9	0.7
15-19	4.8	4.1	3.9	3.1	4.0	3.7	2.6	2.2	1.3	1.1
20-24	7.3	6.0	5.3	4.6	5.8	5.4	3.4	3.2	1.7	1.6
25-29	9.5	8.2	6.9	5.9	6.5	6.9	3.8	3.4	2.2	2.0
30-34	12.6	9.8	9.6	7.6	7.7	7.0	5.1	4.1	3.1	2.4
35-39	15.1	11.6	13.0	9.3	9.2	7.3	7.0	5.0	4.5	3.2
40-44	19.0	13.2	16.5	11.2	10.9	9.0	10.1	6.9	7.0	4.8
45-49	22.0	15.0	20.8	14.3	15.2	12.1	14.8	10.5	11.2	7.4
50-54	29.2	22.8	26.5	19.1	20.6	16.3	22.0	15.0	17.2	11.5
55-59	38.8	31.4	37.0	28.8	30.1	24.8	32.0	23.4	25.9	17.5
60-64	51.4	43.8	51.4	44.1	40.8	33.8	44.7	35.3	37.9	26.8
65-69	69.9	60.5	68.5	58.9	60.1	55.0	62.0	50.2	55.0	40.8
70-74	95.8	85.2	89.6	81.2	85.1	79.5	84.3	73.3	78.9	62.5
75-79	141.0	119.3	127.3	114.4	116.2	107.6	120.7	109.2	111.4	93.3
80-84	175.9	157.9	167.4	159.6	162.6	143.6	170.9	151.2	149.8	141.5
85 & Over	252.3	223.0	257.4	232.3	224.8	210.2	242.8	227.5	230.5	222.2

* As Census date is the midpoint of the period presented, only two years are used for 1919-'20 calculation, the Census having been made on Jan. 1,1920.

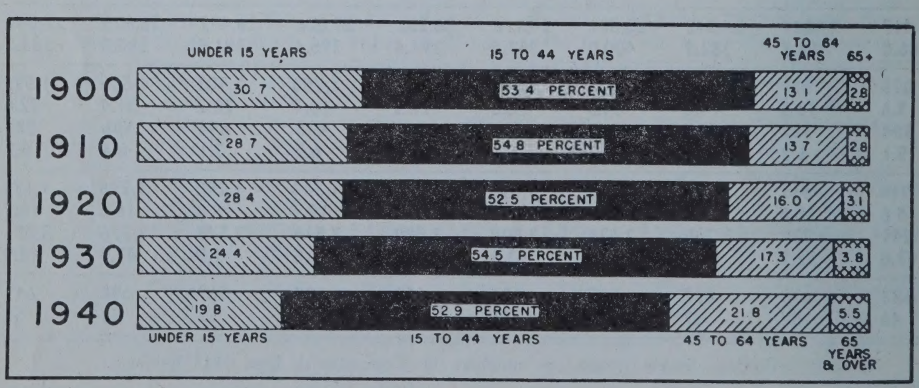
STANDARDIZED DEATH RATES* PER 100,000 POPULATION CITY OF NEW YORK, 1900-1941

Cause of Death	Int. List Nos.	1901-'02-'03	1909-'10-'11	1919-'20	1929-'30-'31	1939-'40-'41
All causes		2,075.0	1,805.0	1,526.0	1,219.0	893.0
Pulmonary tuberculosis	(13)	204.3	172.2	126.6	63.6	40.0
Other forms tuberculosis	(14-22)	35.4	30.3	23.7	11.3	5.0
Influenza & pneumonia	(13, 107-109)	281.3	259.7	293.8	164.2	52.8
Cancer	(45-55)	83.2	94.8	101.7	116.7	125.1
Diabetes	(61)	16.6	19.3	19.9	26.3	31.2
Appendicitis	(121)	12.3	13.1	13.4	16.1	8.8
Nephritis	(130-2)	182.7	142.9	107.5	47.4	37.9
Diseases of circulatory sys.	(90-103)	193.6	299.0	325.6	376.2	303.0
Total degenerative diseases	(83a, 90-103,) (130-132)	469.6	467.5	450.4	433.1	370.5
Total accidents	(169-195)	94.2	82.1	70.5	71.7	47.0
Auto accidents	(170)	†	†	15.1	20.5	11.1
Other accidents	(169, 171-195)	†	†	55.5	51.1	35.8

* For 1901-'02-'03 and 1909-'10-'11, rates are standardized for age and sex; for 1919-'20, 1929-'30-'31 and 1939-'40-'41 rates are standardized for age, sex and color. Standard is the population of England and Wales in 1901. Rates were adjusted for sex and color according to the distribution of the population of states of the Death Registration Area of the United States in 1920.

† Data not available for 1901-1911.

NEW YORK CITY'S AGING POPULATION



CHIEF CAUSES OF DEATH IN CERTAIN AGE GROUPS*

New York City, 1943

Males			Females	
Number of Deaths	Per Cent of Total		Number of Deaths	Per Cent of Total
		Under One Year		
801	34	Premature Birth	676	39
326	14	Congenital Malformations	283	17
277	12	Pneumonia & Influenza	202	12
287	12	Injury at Birth	164	10
259	11	Other Diseases of Early Infancy	143	8
141	6	Diarrhea	83	5
57	2	Accidents	24	1
201	9	All other causes	145	8
2,349	100		1,720	100
		1 TO 14 YEARS		
190	23	Accidents	98	16
98	12	Pneumonia and Influenza	68	11
78	10	Contagious Diseases	70	12
51	6	Heart Diseases	56	9
46	6	Congenital Malformations	35	6
40	5	Tuberculosis	39	6
49	6	Appendicitis	27	5
269	32	All other causes	209	35
821	100		602	100
		15 TO 24 YEARS		
181	20	Tuberculosis	262	33
126	14	Heart Diseases	120	15
148	16	Accidents	30	4
67	7	Cancer	41	5
55	6	Pneumonia & Influenza	41	5
51	6	Contagious Diseases	30	4
.....	.....	Puerperal Diseases	50	6
283	31	All other causes	224	28
911	100		798	100
		25 TO 44 YEARS		
1,149	23	Heart Diseases	842	20
798	16	Tuberculosis	550	13
489	10	Cancer	817	19
540	11	Accidents	160	4
303	6	Pneumonia & Influenza	193	5
187	4	Nephritis	180	4
.....	.....	Puerperal Diseases	240	6
1,450	30	All other causes	1,220	29
4,916	100		4,202	100
		45 TO 64 YEARS		
7,523	41	Heart Diseases	4,117	35
3,308	18	Cancer	3,040	26
507	3	Diabetes	870	7
1,139	6	Tuberculosis	230	2
609	3	Cerebral Hemorrhage	721	6
936	5	Accidents	291	2
808	4	Pneumonia & Influenza	414	4
3,711	20	All other causes	2,228	18
18,541	100		11,911	100
		65 AND OVER		
8,778	49	Heart Diseases	9,105	49
2,816	16	Cancer	2,553	14
948	5	Cerebral Hemorrhage	1,289	7
764	4	Nephritis	999	5
520	3	Diabetes	1,225	7
790	5	Pneumonia & Influenza	783	4
734	4	Accidents	768	4
2,535	14	All other causes	1,796	10
17,885	100		18,518	100

* Arranged in order of importance for both sexes combined.

YEAR	1914	1915	1916	1917	1918	1919	1920	1921
Population	5,137,000	5,225,000	5,312,000	5,400,000	5,488,000	5,576,000	5,684,000	5,812,0
Total deaths	74,803	76,193	77,801	78,575	98,119	74,433	73,249	64,2
Death rate	1,456	1,458	1,464	1,455	1,788	1,335	1,289	1,1
Total deaths under 5 years	19,530	20,291	19,967	18,256	21,019	15,744	17,288	13,6
Rate on estim. pop. under 5 years	3,671	3,758	3,664	3,289	3,767	2,811	3,082	2,4
Deaths under 1 year of age	13,312	13,866	12,818	12,568	12,657	10,639	11,340	9,5
Rate per 1,000 live births	95	98	93	89	92	82	85	
Measles (35)	560	630	490	560	790	218	736	1
Rate (see note)	105.3	116.7	89.9	100.9	141.6	38.9	131.2	29
Whooping cough (9)	279	397	349	489	665	161	615	3
Rate (see note)	49.8	73.5	64.0	88.1	119.2	28.8	109.6	62
Scarlet fever (8)	452	291	96	120	177	136	220	3
Rate (see note)	30.8	19.5	6.3	7.8	11.3	8.6	13.7	23
Diphtheria (10)	1,491	1,278	1,031	1,158	1,245	1,239	1,045	8
Rate (see note)	101.6	85.7	68.1	75.3	79.8	78.2	64.9	54
Typhoid fevers (1, 2)	334	332	216	229	196	121	137	1
Rate	6.5	6.4	4.1	4.2	3.6	2.2	2.4	2
Epidemic meningitis (6)	207	119	176	187	262	171	123	1
Rate	4.0	2.3	3.3	3.5	4.8	3.1	2.2	2
Pulmonary tuberculosis (13)	8,918	8,825	8,411	8,825	8,779	7,395	6,165	5,1
Rate	173.6	168.9	158.3	163.4	160.0	132.6	108.5	88
Other forms tuberculosis (14-22)	1,372	1,424	1,237	1,317	1,318	1,103	970	7
Rate	26.7	27.3	23.3	24.4	24.0	19.8	17.1	13
Influenza (33)	336	526	853	657	12,562	4,834	3,492	3
Rate	6.5	10.1	16.1	12.2	228.9	86.7	61.4	6
Pneumonia (107, 108, 109)	9,678	10,922	10,568	11,051	20,628	10,977	10,058	6,4
Rate	188.4	209.1	198.9	204.6	375.9	196.9	177.0	111
Other respiratory (104-6; 110-14)	1,246	1,424	1,440	1,420	1,543	1,187	1,443	9
Rate	24.3	27.3	27.1	26.3	28.1	21.3	25.4	16
Cancer (45-55)	4,467	4,647	4,701	4,867	4,931	5,147	5,317	5,5
Rate	87.0	88.9	88.5	90.1	89.8	92.3	93.5	95
Diabetes (61)	979	1,109	1,119	1,153	1,011	955	1,075	1,1
Rate	19.1	21.2	21.1	21.4	18.4	17.1	18.9	19
Appendicitis (121)	710	723	697	668	584	690	792	8
Rate	13.8	13.8	13.1	12.4	10.6	12.4	13.9	14
Nephritis (130-2)	5,617	5,521	6,546	6,727	5,269	5,007	4,833	4,1
Rate	109.4	105.7	123.2	124.6	96.0	89.8	85.0	70
Diseases of circulatory sys. (90-103)	13,469	13,596	14,210	14,818	15,660	14,077	15,195	15,6
Rate	262.2	260.2	267.5	274.4	285.3	252.5	267.3	270
Cerebral hem., apoplexy (83a)	1,075	946	804	794	1,042	811	718	8
Rate	20.9	18.1	15.1	14.7	19.0	14.5	12.6	15
Total degenerative diseases*	20,161	20,063	21,560	22,339	21,971	19,895	20,746	20,6
Rate	392.5	384.0	405.8	413.7	400.3	356.8	365.0	356
Suicides (163, 164)	935	958	836	778	724	703	670	8
Rate	18.2	18.3	15.7	14.4	13.2	12.6	11.8	14
Homicides (165-168)	299	261	256	248	247	279	325	3
Rate	5.8	5.0	4.8	4.6	4.5	5.0	5.7	5
Automobile accidents (170)	310	346	407	**674	677	767	763	8
Rate	6.0	6.6	7.7	12.5	12.3	13.8	13.4	14
Other accidents (169, 171-195)	3,441	3,212	3,561	4,042	3,613	3,059	2,856	2,6
Rate	67.0	61.5	67.0	74.8	65.8	54.9	50.2	45
Puerperal diseases (140-150)	679	710	653	651	664	644	708	7
Rate per 10,000 total births	46	48	45	44	46	47	51	5

** In 1917 horse drawn vehicles included. * Includes nephritis, diseases of circulatory system, and cerebral hemorrha

Note:—Rates for measles and whooping cough per 100,000 under five years; rates for scarlet fever and diphtheria are per

ulation, Deaths and Crude Death Rates per 100,000 Population, City of New York, 1914 to 1943 i

1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	
5,939,000	6,067,000	6,195,000	6,323,000	6,451,000	6,579,000	6,707,000	6,835,000	6,944,000	6,995,000	7,047,000	7,101,000	7,
69,690	69,452	71,252	71,864	76,082	70,430	78,091	77,482	74,888	77,418	74,319	75,153	
1,173	1,145	1,150	1,137	1,179	1,071	1,164	1,134	1,078	1,106	1,054	1,058	
14,847	11,839	12,891	11,442	12,599	9,971	11,760	9,836	9,224	8,968	7,409	7,422	
2,685	2,153	2,335	2,073	2,308	1,820	2,158	1,818	1,721	1,689	1,436	1,490	
9,666	8,578	8,820	8,315	8,509	7,210	8,280	7,281	7,030	6,427	5,594	5,508	
75	66	68	65	68	56	66	59	57	56	51	53	
977	245	506	130	706	37	346	30	154	134	58	213	
176.7	44.5	91.7	23.6	129.3	6.8	63.5	5.5	28.7	25.2	11.2	42.8	
268	202	382	307	221	279	347	157	125	214	145	128	
48.5	36.7	69.2	55.6	40.5	50.9	63.7	29.0	23.3	40.3	28.1	25.7	
216	107	80	75	77	102	69	68	57	84	134	59	
13.2	6.5	4.8	4.5	4.6	6.1	4.1	4.0	3.4	5.0	7.9	3.5	
873	553	714	663	477	717	642	463	198	186	210	86	
53.4	33.6	43.1	39.8	28.5	42.7	38.1	27.4	11.7	11.0	12.4	5.1	
129	140	184	199	111	78	87	76	62	77	64	70	
2.2	2.3	3.0	3.1	1.7	1.2	1.3	1.1	0.9	1.1	0.9	1.0	
110	77	104	94	114	120	540	486	267	207	114	73	
1.9	1.3	1.7	1.5	1.8	1.8	8.1	7.1	3.8	3.0	1.6	1.0	
5,033	4,951	4,780	4,776	4,828	4,444	4,636	4,507	4,457	4,370	3,997	4,056	
84.7	81.6	77.2	75.5	74.8	67.6	69.1	65.9	64.2	62.5	56.7	57.1	
769	722	801	699	680	696	690	653	632	552	543	521	
12.9	11.9	12.9	11.1	10.5	10.6	10.3	9.6	9.1	7.9	7.7	7.3	
869	1,158	549	665	1,157	630	899	1,202	483	956	785	718	
14.6	19.1	8.9	10.5	17.9	9.6	13.4	17.6	7.0	13.7	11.1	10.1	
8,794	8,231	9,152	8,397	10,521	7,523	10,019	9,456	8,058	9,245	7,827	7,686	
148.1	135.7	147.7	132.8	163.1	114.4	149.4	138.4	116.0	132.2	111.1	108.2	
920	521	498	541	673	545	662	670	560	652	599	480	
15.5	8.6	8.0	8.6	10.4	8.3	9.9	9.8	8.1	9.3	8.5	6.8	
5,945	6,287	6,557	6,784	7,033	7,455	7,725	7,848	8,125	8,336	8,573	8,932	
100.1	103.6	105.8	107.3	109.0	113.3	115.2	114.8	117.0	119.2	121.7	125.8	
1,448	1,360	1,177	1,313	1,485	1,461	1,663	1,726	1,784	1,921	2,116	2,141	
24.4	22.4	19.0	20.8	23.0	22.2	24.8	25.3	25.7	27.5	30.0	30.2	
883	887	946	1,022	1,022	1,018	1,043	1,071	1,111	1,157	1,065	1,149	
14.9	14.6	15.3	16.2	15.8	15.5	15.6	15.7	16.0	16.5	15.1	16.2	
4,450	4,367	3,705	3,912	4,360	3,182	3,433	3,177	2,905	2,806	2,972	3,638	
74.9	72.0	59.8	61.9	67.6	48.4	51.2	46.5	41.8	40.1	42.2	51.2	
17,350	18,453	19,616	19,453	20,463	20,178	22,152	23,283	22,999	23,487	23,524	23,541	
292.1	304.1	316.6	307.7	317.2	306.7	330.3	340.7	331.2	335.8	333.8	331.5	
501	597	763	847	978	818	667	566	588	682	544	749	
8.4	9.8	12.3	13.4	15.2	12.4	9.9	8.3	8.5	9.7	7.7	10.5	
22,301	23,417	24,084	24,212	25,801	24,178	26,252	27,026	26,492	26,975	27,040	27,928	
375.5	386.0	388.7	382.9	400.0	367.5	391.4	395.4	381.5	385.6	383.7	393.3	
789	825	829	935	904	1,073	1,182	1,255	1,403	1,500	1,595	1,343	
13.3	13.6	13.4	14.8	14.0	16.3	17.6	18.4	20.2	21.4	22.6	18.9	
337	308	387	337	340	366	402	425	494	586	580	541	
5.7	5.1	6.2	5.3	5.3	5.6	6.0	6.2	7.1	8.4	8.2	7.6	
870	945	961	1,022	1,069	1,095	1,075	1,344	1,290	1,298	1,179	1,137	
14.6	15.6	15.5	16.2	16.0	16.6	16.0	19.7	18.6	18.6	16.7	16.0	
2,801	3,249	3,239	3,765	3,674	3,509	3,589	3,518	3,578	3,336	3,091	3,101	
47.2	53.6	52.3	59.5	57.0	53.3	53.5	51.5	51.5	47.7	43.9	43.7	
699	623	678	697	595	694	668	629	667	698	663	665	
51	46	50	52	45	51	50	48	52	58	58	61	

(apoplexy). Numbers following disease names are numbers of International List, 1938 Revision.
00,000 under fifteen years.

3 0112 115703701

clusive

934	1935	1936	1937	1938	1939	1940	1941	1942	1943	
3,000	7,206,000	7,258,000	7,311,000	7,363,000	7,415,000	7,468,000	7,521,000	7,573,000	7,625,000	Population
5,857	75,057	77,638	77,465	73,775	75,439	76,008	74,553	75,674	83,174	Deaths
1,060	1,042	1,069	1,059	1,002	1,017	1,018	991	999	1,091	Rate
6,726	6,282	5,689	5,618	4,891	4,584	4,402	4,162	4,387	4,848	Deaths under 5
1,404	1,363	1,269	1,216	1,087	1,045	991	925	934	1,209	Rate
5,287	4,790	4,490	4,457	3,910	3,793	3,746	3,519	3,805	4,069	Infant deaths
52	48	45.6	43.7	38.3	37.1	34.9	30.8	28.8	30.2	Rate
25	105	83	28	42	1	3	25	1	19	Measles
5.2	22.8	18.5	6.1	9.3	0.2	0.7	5.6	0.2	4.7	Rate (see note)
106	148	48	49	105	38	49	45	58	43	Whooping cough
22.1	32.1	10.7	10.6	23.3	8.7	11.0	10.0	12.4	10.7	Rate (see note)
53	76	64	31	17	16	14	7	8	12	Scarlet fever
3.1	4.5	3.8	1.9	1.1	1.0	0.9	0.5	0.6	0.9	Rate (see note)
103	68	35	58	26	22	10	10	7	16	Diphtheria
6.1	4.0	2.1	3.6	1.6	1.4	0.7	0.7	0.5	1.1	Rate (see note)
44	34	33	26	26	22	12	14	5	5	Typhoid fever
0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0.1	Rate
73	243	226	101	53	36	17	42	84	246	Epidemic menin.
1.0	3.4	3.1	1.4	0.7	0.5	0.2	0.6	1.1	3.2	Rate
3,950	3,968	4,170	3,931	3,481	3,494	3,323	3,372	3,228	3,343	Pul. tuberculosis
55.2	55.1	57.5 (63.2)	53.8 (58.3)	47.3 (52.1)	47.1 (51.4)	44.5 (48.6)	44.8 (49.4)	42.6 (46.2)	43.8 (48.0)	Rate
470	403	415	333	352	320	304	343	274	317	Other tuberculosis
6.6	5.6	5.7	4.6	4.8	4.3	4.1	4.6	3.6	4.2	Rate
373	295	293	468	162	200	128	119	68	170	Influenza
5.2	4.1	4.0	6.4	2.2	2.7	1.7	1.6	0.9	2.2	Rate
6,755	6,385	6,549	6,504	4,737	4,234	3,410	3,383	2,957	3,862	Pneumonia
94.4	88.6	90.2	89.0	64.3	57.1	45.7	45.0	39.0	50.6	Rate
656	585	590	571	498	523	498	499	457	573	Other respiratory
9.2	8.1	8.1	7.8	6.8	7.1	6.7	6.6	6.0	7.5	Rate
9,502	9,969	10,506	10,714	11,160	11,597	12,310	12,069	12,993	13,198	Cancer
132.8	138.3	144.8	146.5	151.6	156.4	164.8	160.5	171.6	173.1	Rate
2,266	2,255	2,571	2,669	2,650	2,938	3,106	3,064	3,088	3,262	Diabetes
31.7	31.3	35.4	36.5	36.0	39.6	41.6	40.7	40.8	42.8	Rate
1,006	920	1,049	935	825	800	677	564	439	434	Appendicitis
14.1	12.8	14.5	12.8	11.2	10.8	9.1	7.5	5.8	5.7	Rate
4,484	4,141	4,041	3,847	3,589	3,353	3,545	3,242	3,042	3,393	Nephritis
62.7	57.5	55.7	52.6	48.7	45.2	47.5	43.1	40.2	44.5	Rate
5,696	22,282	24,093	24,756	25,227	26,672	27,809	28,052	29,091	33,528	Circulatory system
359.2	309.2	332.0	338.6	342.6	359.7	372.4	373.0	384.1	439.7	Rate
602	3,233	3,130	3,025	2,746	2,800	2,700	2,675	2,726	2,857	Cerebral hemorrhage
8.4	44.9	43.1	41.4	37.3	37.8	36.2	35.6	36.0	37.5	Rate
0,782	29,656	31,264	31,628	31,562	32,825	34,054	33,969	34,859	39,778	Total degenerative
430.3	411.5	430.8	432.6	428.7	442.7	456.0	451.7	460.3	521.7	Rate
1,239	1,170	1,116	1,140	1,246	1,190	1,263	1,039	1,013	860	Suicides
17.3	16.2	15.4	15.6	16.9	16.0	16.9	13.8	13.4	11.3	Rate
458	447	380	373	309	303	290	286	267	225	Homicides
6.4	6.2	5.2	5.1	4.2	4.1	3.9	3.8	3.5	3.0	Rate
1,145	1,078	932	983	908	880	896	858	823	723	Automobile acc.
16.0	15.0	12.8	13.4	12.3	11.9	12.0	11.4	10.9	9.5	Rate
3,316	3,179	3,296	3,203	2,924	3,123	2,989	2,881	2,955	3,246	Other accidents
46.4	44.1	45.4	43.8	39.7	42.1	40.0	38.3	39.0	42.6	Rate
492	523	459	408	357	320	315	250	306	292	Puerperal diseases
46	50	44	38	33	29	27	20	22	22	Rate

120.2